

3626
H-769-02

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

H. ARITA et al

Serial No. 09/740,988

Group Art Unit: 3626

Filed: December 21, 2000

Examiner: E. Cosimano

For: ENERGY AND POWER INTERCHANGE SYSTEM AND ITS METHOD

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Commissioner for Patents
Mail Stop DD
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

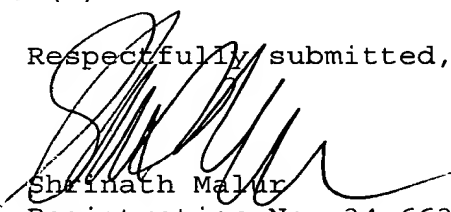
3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS.

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,


Shrinath Malur
Registration No. 34,663
Attorney for Applicant(s)

MATTINGLY, STANGER & MALUR
1800 Diagonal Rd., Suite 370
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Date: May 4, 2004

FORM PTO-1449
(REV. 7-80)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
H-769-02SERIAL NO.
09/740,988**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
H. ARITA et alFILING DATE
December 21, 2000GROUP
3626**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
AA	6,327,541	12/04/01	Pitchford et al			
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GROUP 3600**FOREIGN PATENT DOCUMENTS**

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	New Scientist: Global Power, The Electric Hyper Grid; July 8, 1995,
	No. 1985.
AS	"IBM and Siemens Service Lets Utilities Sell and Buy Electric Transmission
	Capacity over the Internet", Nov. 12, 1996.
AT	The Emissions Trader, Vol. 2, Issue 1, Jan. 1998.

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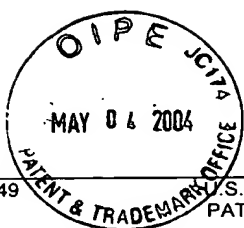
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Public Policy for the Private Sector, International Power
		Connections, Mar. 1995.
	AS	North American Electric Reliability Council, "Available Transfer Capability
		Definitions and Determination", June, 1996, pp. 1-40.
	AT	Meisner, Peter, "Worldwide Interconnections May Be an Idea Whose Time Has
		Come", Global Energy Network, Dec. 1992.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Wolfe, Michael et al, "The Economic, Environmental and Developmental Benefits of High-Voltage Interconnections between South and North America via Central American and the Caribbean", ENERLAC '93, June, 1993.
	AS	Rudenko, Y. et al, "Is It Possible and Expedient to Create a Global Energy Network?", International Journal of Global Energy Issues, Vol. 3, No. 3 1991.
	AT	Frontin, Sergio O. et al, "Advanced Electric Power Transmission Technologies", Centre for Science and Technology for Development, Issue 6, Autumn, 1991.

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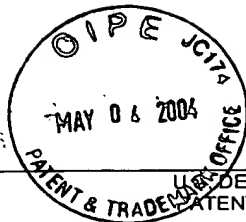
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Hammons, T.J. et al, "Remote Renewable Energy Resources Made Possible by
	International Electrical Interconnections -- A Priority for All Continents",
AS	No date available.
	Bohlin, Sten et al, "Electrical Transmission", ABB Power Systems A.B.,
AT	No date available.
	Tech. Articles from the GENI.org website. No date available.

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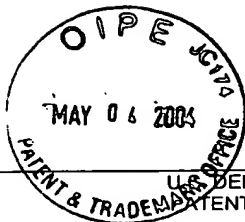
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	APREC (Asia Pacific Rim Electricity Cooperation), copyright by Hitachi, 1998.
AS	Meisen, Peter, "Linking Renewable Energy Resources Around the World: A Compelling Global Strategy", World Renewable Energy Congress IV, June 15-21, 1996.
AT	Voropai, Nikolai I. et al, "Possible Directions in Development of the Global Electric Network", Perspectives in Energy, 1994-1995, Vol. 3, pp. 291-297.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Dekker, Paul-Michael et al, "The GENI Model - The Interconnection of Global Power Resources to Obtain an Optimal Global Sustainable Energy Solution",
		No date available.
	AS	Meisen, Peter, "Linking Electricity for Peace: A Compelling Global Strategy", The Bulletin of Science, Technology & Society,
		Vol. 17, No. 4, 1997.
	AT	"Long-Distance Interties Connect Faraway Areas", POWER International
		Edition, T&D Technology, Mar. 1991, pp. 22-23.

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